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| Application Number  | Application No. 09/768,494 | Applicant(s) BUSKIRK ET AL. | |
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|--------------------------------------------|----------------------------------------------------------------|---------------------------------------------|
| TERMINAL DISCLAIMER | <input checked="" type="checkbox"/> APPROVED | <input type="checkbox"/> DISAPPROVED |
| Document Code - DISQ | This patent is subject to a Terminal Disclaimer | |
| INTERNAL DOCUMENT – DO NOT MAIL | | |

U.S. Patent and Trademark Office

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re United States Patent Application of:****Applicant:** VAN BUSKIRK, Peter, et al.**Application No.:** 09/768,494**Date Filed:** January 24, 2001**Title:** ISOTROPIC DRY CLEANING
PROCESS FOR METAL
INTEGRATED CIRCUIT
STRUCTURES**Docket No.:** 2771-272 CON**Examiner:** Allan W. Olsen**Art Unit:** 1763**Confirmation No.:** 2111

25559

PATENT TRADEMARK OFFICE

FACSIMILE TRANSMISSION CERTIFICATE

I hereby certify that I am filing this document in the United States Patent and Trademark Office on August 7, 2003, addressed to Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450, and transmitted to Technology Center 1700 Official Facsimile Number (703) 872-9310.

Steven J. Hultquist

Date of Facsimile Transmission: August 7, 2003

Number of Pages Transmitted: 11¹**TERMINAL DISCLAIMER UNDER 37 C.F.R. 1.321(b)
FOR U.S. APPLICATION NO. 09/768,494**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

¹ inclusive of Response to June 18, 2003 Office Action submitted concurrently herewith

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GROUP 1700

The disclaimant, Advanced Technology Materials, Inc., a Delaware corporation having a principal place of business at 7 Commerce Drive, Danbury, Connecticut 06810, verifies through its duly authorized representative that it is the owner of all right, title and interest in the above-identified patent application, by Assignment recorded June 8, 1998 in the Assignment records of the Patent and Trademark Office at Reel 9231, Frame 0789.

The disclaimant hereby disclaims the terminal part of any patent granted on the above-identified application which would extend beyond the expiration date of the full statutory term of any United States Patent hereafter granted on United States Application No. 09/874,102, filed June 5, 2001, entitled "PLASMA-ASSISTED DRY ETCHING OF NOBLE METAL-BASED MATERIALS", which was assigned to the above-identified disclaimant by an Assignment recorded June 5, 2001 in the Assignment records of the U.S. Patent and Trademark Office at Reel 011880, Frame 0625.

Disclaimant further agrees that any United States patent so granted on the above-identified application No. 09/768,494, which is the subject of this disclaimer, shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to any United States Patent hereafter granted on United States Application No. 09/874,102, this agreement to run with any patent granted on the above-identified application No. 09/768,494, and to be binding upon the grantee, its successors and assigns.

Nothing herein shall be construed as a disclaimer of any terminal part of any patent granted on the above-identified application No. 09/768,494 which is prior to the expiration of the full statutory term of any United States Patent hereafter granted on United States Application No. 09/874,102, in the event that any United States Patent hereafter granted on United States Application No. 09/874,102, later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321(a), has all claims canceled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

The Commissioner for Patents is hereby authorized to charge the amount of \$110.00 as the fee specified in 37 CFR §1.20 for the filing of this Terminal Disclaimer, to Deposit Account No. 08-

3284, together with any other properly payable fee or charge which may be required to effect entry of this Terminal Disclaimer or the response to the June 18, 2003 Office Action in the above-identified application submitted herewith.

I, Steven J. Hultquist, represent that I am a principal attorney of record in United States Patent Application No. 09/768,494, and am authorized to execute this disclaimer on behalf of Advanced Technology Materials, Inc. I further declare that the evidentiary documents of ownership have been reviewed and I certify that to the best of disclaimant's knowledge and belief, title is in the disclaimant seeking to take action.

I hereby declare that all statements made herein of my knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above-identified application or any patent issued thereon.

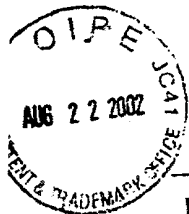
Respectfully submitted,



Steven J. Hultquist
Reg. No. 28,021
Attorney for Applicants and Assignee
Advanced Technology Materials, Inc.

August 7, 2003
Date

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TECHNOLOGY LAW
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Attorney File No.: 2771-272 CON



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Applicant: Van Biskirk, et al.

Application No.: 09/768,494

Date Filed: January 24, 2001

Title: ISOTROPIC DRY CLEANING
PROCESS FOR METAL
INTEGRATED CIRCUIT
STRUCTURES

Docket No.: 2771-272 CON

Examiner: Allan W. Olsen

Art Unit: 1746

Confirmation No.: 2111



23448

PATENT & TRADEMARK OFFICE

EXPRESS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231, and Express Mailed under the provisions of 37 CFR 1.10.


Blake Crouch

August 22, 2002

Date

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TC 1700TERMINAL DISCLAIMER UNDER 37 C.F.R. 1.321(b)
FOR U.S. APPLICATION NO. 09/768,494Commissioner for Patents
Washington, D.C. 20231

Sir:

The disclaimant, Advanced Technology Materials, Inc., a North Carolina corporation having a principal place of business at 7 Commerce Drive, Danbury, Connecticut 06810, verifies through

its duly authorized representative that it is the owner of all right, title and interest in the above-identified patent application, by Assignment recorded June 8, 1998 in the Assignment records of the Patent and Trademark Office at Reel 9231, Frame 0789.

The disclaimant hereby disclaims the terminal part of any patent granted on the above-identified application which would extend beyond the expiration date of the full statutory term of United States Patent No. 6,254,792 issued July 3, 2001 granted on United States Application No. 09/093,291, filed June 8, 1998, entitled "ISOTROPIC DRY CLEANING PROCESS FOR NOBLE METAL INTEGRATED CIRCUIT STRUCTURES", which was assigned to the above-identified disclaimant by the same aforementioned Assignment recorded June 8, 1998 in the Assignment records of the U.S. Patent and Trademark Office at Reel 9231, Frame 0789, and United States Patent No. 6,143,191 issued November 7, 2000 granted on United States Application No. 08/966,796, filed November 10, 1997, entitled "METHOD FOR ETCH FABRICATION OF IRIIDIUM-BASED ELECTRODE STRUCTURES", which was assigned to the above-identified disclaimant by an Assignment recorded November 10, 1997 in the Assignment records of the U.S. Patent and Trademark Office at Reel 8877, Frame 0955.

Disclaimant further agrees that any United States patent so granted on the above-identified application No. 09/768,494, which is the subject of this disclaimer, shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to United States Patent 6,254,792 heretofore issued on United States Patent Application No. 09/093,291 and United States Patent 6,143,191 heretofore issued on United States Patent Application No. 08/966,796, this agreement to run with any patent granted on the above-identified application No. 09/768,494, and to be binding upon the grantee, its successors and assigns.

Nothing herein shall be construed as a disclaimer of any terminal part of any patent granted on the above-identified application No. 09/768,494 which is prior to the expiration of the full statutory term of United States Patent 6,254,792 and United States Patent 6,143,191, in the event that United States Patent 6,254,494 and/or United States Patent 6,143,191 later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321(a), has all claims canceled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term as


otherwise terminated prior to expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

Enclosed is a check payable to Commissioner of Patents and Trademarks in the amount of \$110.00 as the fee specified in 37 CFR §1.20 for the filing of this Terminal Disclaimer. The Patent and Trademark Office hereby is authorized to charge Deposit Account No. 08-3284 in the amount of any deficiency for the filing of this Terminal Disclaimer, together with any other properly payable fee or charge which may be required to effect entry of this Terminal Disclaimer.

I, Steven J. Hultquist, represent that I am a principal attorney of record in United States Patent Application No. 09/768,494, and am authorized to execute this disclaimer on behalf of Advanced Technology Materials, Inc. I further declare that the evidentiary documents of ownership have been reviewed and I certify that to the best of disclaimant's knowledge and belief, title is in the disclaimant seeking to take action.

I hereby declare that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted.



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Attorney for Applicants and Assignee
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August 22, 2002
Date

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